



JARIPADA, CUTTACK

(Co-Educational Day Boarding cum Residential)

Affiliated to CBSE, New Delhi, Affiliation No. 1530270

KAT EXAMINATIONS (2026-27)

Admission Exam for XI Science

Mode of Exam: Offline Only

Date of Exam: 20th December 2025 & 17th January 2026.

Venue: Krishnamurty World School Campus

Timing: 10:00 AM to 12:00 Noon.

Contact Details to Register: +91-9438556301, 8984368529

Mail ID: krishnamurtyworldschool@gmail.com

EXAMINATION PATTERN

NO. OF QUESTIONS (100)

Each correct answer carries 2 marks and no negative marking.

Types of Examination is MCQ with 1 correct option.

Duration of examination is 2 Hours.

Sections	Subject Categories	Number of Questions	Marks
Section – A	English and Reasoning	20	40
Section – B	Physics	20	40
Section – C	Chemistry	20	40
Section – D	Biology	20	40
Section – E	Mathematics	20	40
Total		100	200

SYLLABUS FOR ENTRANCE EXAM – 2026

ENGLISH AND REASONING:

1. Reading: Comprehension

2. Grammar:

- (a) Tenses
- (b) Voice
- (c) Determiners
- (d) Prepositions
- (e) Subject-Verb Agreement
- (f) Reported Speech
- (g) Modals
- (h) Non-Finite Verbs

3. Vocabulary: Antonyms & Synonyms

4. Reasoning:

- (a) Verbal and Non-Verbal Analogy
- (b) Verbal and Non-Verbal Series
- (c) Classification
- (d) Coding-Decoding
- (e) Blood Relations
- (f) Missing Characters
- (g) Ranking and Arrangements

PHYSICS:

1. Motion in a straight line
2. Force & laws of motion
3. Friction
4. Gravitation
5. Floatation
6. Work, Energy & Power
7. Sound
8. Reflection & Refraction of Light, Mirror, Lenses & Prism
9. Human Eyes & Colourful World
10. Electric Current, Heating Effect of Current
11. Magnetism, Magnetic Effect of Current

CHEMISTRY:

1. Matter in our Surrounding
2. Is matter around us pure?
3. Atoms & Molecules
4. Structure of Atom
5. Gases State of Matter
6. Chemical Equation & Reactions
7. Acid Base & Salts
8. Metal & Non-metal
9. Carbon and its Compound
10. Electrolysis
11. Metallurgy

BIOLOGY:

1. Cell & its Organisation
2. Tissue system
3. Natural Resources & Pollutions
4. Nutritions
5. Transport in Plants
6. Photosynthesis in Plants
7. Circulation
8. Excretion
9. Control & Co-ordinations in Plants & Animals
10. Reproductive System in Organisms
11. Genetics-Heredity in our Environment
12. Eco-System

MATHEMATICS:

1. Number System
2. Polynomials
3. Lines and Angles
4. Circles
5. Mensuration
6. Real Numbers
7. Polynomials
8. Quadratic Equations
9. Pairs of Linear Equation in Two Variables
10. Arithmetic Progression
11. Trigonometry

